

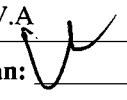
Work Order I 121256

121256

June-19-14

Page 1


Item ID:	Revision ID:			
Item Name:				
Draw Nbr:	Start Date: 6/19/14 11:21	Start Qty: 1.00	* 1 *	
Revision Nbr	Required Date: 6/19/14 11:20	Reqd Qty: 1.00	* 1 *	
Reference: ECN14-576	Cust Item ID:		Customer ID:	
Description: update kits in stk DXXX-781 per ECN14-576 DSI 9695 REV.A			Sales Order:	

Approvals:	Process Plan: 	Date: _____	Tooling: _____	Date: _____
	QC: _____	Date: _____	SPC (Y/N): _____	Date: _____

Sequence m	Work Center m	Operation Description	Hours		Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
			Set Up	Run							

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QC21 - 14/7/14 

W4-07-11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%; font-size: small;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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List Lots

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June-13-14 7:26:37 AM

Criteria : Item ID: 'D206-781-011', 'D206-781-021', 'D206-781-023', 'D206-781-031', 'D206-781-033', 'D206-781-041', 'D206-781-043', 'D206-781-051', 'D206-781-053', 'D206-781-061' All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Lot Code	Type Code	Comments
D206-781-011 Floor Protector - Pilot & Co-Pilot	Main Warehouse FG041A	104290	5/07/14	4.0000		QC21	CHG001	
Total:				4.0000				
D206-781-021 Floor Protector - Passenger Cabin	Main Warehouse FG025	117516	6/09/14	1.0000		QC21	CHG002	
	Main Warehouse FG040	114900	6/09/14	2.0000		QC21	CHG002	
Total:				3.0000				
D206-781-023 Floor Protector - Passenger Cabin	Main Warehouse FG025	119896	6/09/14	1.0000		QC21	CHG001	
	Main Warehouse FG040	109663	6/09/14	1.0000		QC21	CHG001	
	Main Warehouse FG040	112006	6/09/14	1.0000		QC21	CHG001	
	Main Warehouse FG040	112894	6/09/14	2.0000		QC21	CHG001	
	Main Warehouse FG040	115344	6/09/14	1.0000		QC21	CHG001	
	OFFSHORE FG	98215	6/09/14	4.0000		QC21	CHG001	
	OFFSHORE FG	99927	6/09/14	1.0000		QC21	CHG001	
Total:				11.0000				
D206-781-031 Baggage Compartment Protector Floor	Main Warehouse FG040	108849	5/01/14	1.0000		QC21	CHG001	

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Criteria : Item ID: 'D206-781-011', 'D206-781-021', 'D206-781-023', 'D206-781-031', 'D206-781-033', 'D206-781-041', 'D206-781-043', 'D206-781-051', 'D206-781-053', 'D206-781-061' All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Lot Code	Type Code	Comments
D206-781-033 Baggage Compartment Protector Floor Only	Main Warehouse	95869	1/08/14	2.0000		QC21	CHG001	
	Main Warehouse	97329	1/08/14	2.0000		QC21	CHG001	
Total:				4.0000				
D206-781-041 Baggage Compartment Protector Wall	Main Warehouse	112632	5/02/14	1.0000		QC21	CHG002	
Total:				1.0000				
D206-781-043 Baggage Compartment Protector Wall Only	Main Warehouse	54126	5/26/14	2.0000		QC21	CHG001	
D206-781-051 Floor Protector Pilot Co- Pilot & Passenger	Main Warehouse	108756	1/10/14	1.0000		QC21	CHG001	
	Main Warehouse	106310	5/07/14	1.0000		QC21	CHG002	
Total:				3.0000				
D206-781-053 Floor Protector - Pilot Co- Pilot & Passenger Cabin	Main Warehouse	104260	10/24/13	1.0000		QC21	CHG001	
	Main Warehouse	108615	10/24/13	1.0000		QC21	CHG001	
	Main Warehouse							
Total:				2.0000				

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Criteria : Item ID: 'D206-781-011', 'D206-781-021', 'D206-781-023', 'D206-781-031', 'D206-781-033', 'D206-781-041', 'D206-781-043', 'D206-781-051', 'D206-781-053', 'D206-781-061' All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Lot Code	Type Code	Comments
D206-781-061 Baggage Compartment Protector -Floor And Wall	Main Warehouse FG040	108886	5/02/14	1.0000		QC21	CHG002	
	OFFSHORE FG	109826	5/02/14	3.0000		QC21	CHG002	
	OFFSHORE FG	112631	5/02/14	2.0000		QC21	CHG002	
Total:				6.0000				

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Criteria : Item ID: 'D407-781-025', 'D407-781-055' All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Lot Code	Type Code	Comments
D407-781-025 Floor Protector - Passenger Cabin	Main Warehouse FG040	84023	10/11/13	2.0000		QC21	CHG001	
			Total:	2.0000				
D407-781-055 Floor Protector - Pilot Co-Pilot & Passenger Cabin	Main Warehouse FG040	107293	10/11/13	1.0000		QC21	CHG001	
			Total:	1.0000				

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DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D407-781 REV. E + IIN-D407-781-1 REV. A
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D407-781 REV. 4

REF TCCA STC: SH08-60
REF FAA STC: SR02726NY
REF EASA STC: EASA.IM.R.S.01541

PURPOSE:

To add the Black Floor Protectors and re-identify the existing Clear Floor Protectors as outlined in the following table.

Existing Part Number	New Part Numbers
D206-781-011	D206-781-011L02 (Black) D206-781-011L08 (Clear)
D206-781-021	D206-781-021L02 (Black) D206-781-021L08 (Clear)
D206-781-023	D206-781-023L02 (Black) D206-781-023L08 (Clear)
D407-781-025	D407-781-025L02 (Black) D407-781-025L08 (Clear)
D206-781-051	D206-781-051L02 (Black) D206-781-051L08 (Clear)
D206-781-053	D206-781-053L02 (Black) D206-781-053L08 (Clear)
D407-781-055	D407-781-055L02 (Black) D407-781-055L08 (Clear)

INSTALLATION:

The New Part Numbers listed in the table above should be installed and maintained per instructions provided in IIN-D407-781-1 and ICA-D407-781 for the Existing Part Numbers


WEIGHT AND BALANCE

The Weight and Balance for the New Part Numbers listed in the table above is the same as provided in IIN-D407-781-1 and ICA-D407-781 for the Existing Part Numbers.

PARTS LIST:

See pages 2-4 of this DSI

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY:	
D. SHEPHERD (DE # 02)	
DATE:	14.04.09
CERT. NO.:	SH08-60
ISSUE NO.:	1

A	NEW ISSUE	AK	14.04.09
REV.	DESCRIPTION	BY	DATE
DESIGN	AK	DART AEROSPACE LTD	
DRAWN	AK	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9695	SHEET 1 OF 4
APPROVED		TITLE	SCALE
DE APPR.		FLOOR PROTECTOR KIT, BLACK	NTS
DATE	14.04.09	COPYRIGHT © 2014 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 14.06.12	Job No.:	ADR Yes/No: Y	ADR Date: 14.06.12	ECN #: 14- 576
Product No.: D407-781		Created By: HS	Approved By: <i>[Signature]</i>	
Product Name: Floor Protectors		Checked By: <i>[Signature]</i>		

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)	Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	Y	NF		DQA / QA Coord.	Y	PS	
Production Manager / Coord.	Y	LYMF		QC Coordinator	Y	ED	
Purchasing Coord.	Y	CL		Customer Support	Y	SW/LM	
Production Engineering Coord.	N	DD/JLM		Customer Technical Support	Y	MB/HS	
Production Engineering Coord.	Y	DL		Marketing Manager	Y	KO	
Customer Order Processing	<i>[Signature]</i>	RM/CC		Sales Support Manager	Y	NM	

Reason for Change:
Added Black Lexan material

Documents Affected:
 D3874 Rev. B
 D3875 Rev. C
 D3898 Rev. B
 D3940 Rev. B
 DSI 9695 Rev. A

118382 12256

IF APPLICABLE: NCR: _____ PAR: _____ CAR: _____

PAPERWORK UPDATE ☒ PARTS MUST COMPLY ☐ PREVIOUS PARTS SATISFACTORY ☒

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings/Item ID's Under Review (URF)	N			
5	Update Master Document List (MDL)	Y	HS	MDL-D407-781 Rev. J	<i>[Signature]</i> 14.06.12 <i>[Signature]</i>
6	Update Document Record (DR)	N			
7	Update Product Compatibility Matrix	N			
8	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move / Update Electronic Files / Design Journal	Y	KJ		14.06.12 <i>[Signature]</i>
11	Update Product Specification Files (Bluefiles)	Y	KJ		14.06.12 <i>[Signature]</i>
12	Update Approved/Preliminary Dwg PDF Files	Y	KJ		14.06.12 <i>[Signature]</i>
13	Update Product Development Summary (STC applications)	N			
14	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
15	Create/Update Parts / STC Database	Y	KJ		
16	Update / Verify Airworthiness Release Certificate Database	Y	KJ		
17	Create / Update Change Record Form / Item Card Database	Y	KJ		
18	Create / Update Packaging Process Plan (PPP)	Y	KJ		
19	Red Decals required on Packaging Process Plan (PPP)?	N			
20	Update Controlled Supplier Documents (Qpulse) Database	N			
21	Update Grey Project Binder / Electronic Project Folder	Y	KJ		
22	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	KJ		
23	Manufacturing Licensing Agreement Update	N			
24					

Description / Action:

- Update part numbers for D3874, D3875, D3898 and D3940
- Update BOMs and routes for new parts
- Existing DXXX-781-011/-021/-023/-025/-051/-053/-055 (clear) re-identified with L08 extension
- Added black lexan option with -L02 extension

ECN Verified & Complete: _____ Date: _____